

What is claimed is:

- 1 1. An apparatus, comprising
2 a device adapted to:
3 perform a transmission over a wireless channel;
4 monitor the wireless channel, subsequent to completion of the transmission,
5 to determine if another device is transmitting over the wireless channel; and
6 begin a timeout period responsive to determining said another device is not
7 transmitting over the wireless channel.
- 1 2. The apparatus of claim 1, wherein the device is further adapted to not begin the
2 timeout period responsive to determining said another device is transmitting over the
3 wireless channel.
- 1 3. The apparatus of claim 1, wherein the device is further adapted to monitor for an
2 acknowledgement to the completed transmission during the timeout period.
- 1 4. The apparatus of claim 3, wherein the device is further adapted to cancel the
2 timeout period responsive to receiving the acknowledgement prior to an end of the timeout
3 period.

1 5. The apparatus of claim 3, wherein the device is further adapted to retransmit the
2 transmission responsive to not receiving the acknowledgement prior to the end of the
3 timeout period.

1 6. The apparatus of claim 1, wherein said monitoring comprises monitoring for a
2 carrier wave.

1 7. The apparatus of claim 1, wherein said monitoring comprises monitoring for
2 transmission of data.

1 8. A system, comprising:
2 an omnidirectional antenna;
3 a device coupled to the omnidirectional antenna and adapted to
4 perform a transmission from the omnidirectional antenna to a base station
5 over a wireless channel;
6 monitor the wireless channel, subsequent to completion of the transmission,
7 for a clear channel condition; and
8 begin a timeout period responsive to determining a presence of a clear
9 channel condition.

1 9. The system of claim 8, wherein the device is further adapted to not begin the
2 timeout period responsive to determining an absence of the clear channel condition.

1 10. The system of claim 8, wherein the device is further adapted to cancel the timeout
2 period responsive to receiving an acknowledgement prior to an end of the timeout period.

1 11. The system of claim 10, wherein the device is further adapted to begin an error
2 process responsive to not receiving the acknowledgement prior to the end of the timeout
3 period.

1 12. The system of claim 11, wherein the error process comprises preparing to
2 retransmit the transmission over the wireless channel.

1 13. The system of claim 8, wherein said monitoring comprises monitoring for a carrier
2 wave.

1 14. A method, comprising:
2 transmitting a data transmission over a wireless communications channel;
3 monitoring the wireless communications channel, subsequent to said transmitting,
4 until a clear channel condition is detected;
5 beginning a timeout period subsequent to said detecting a clear channel condition;
6 and
7 determining if an acknowledgement to said data transmission is received during the
8 timeout period.

- 1 15. The method of claim 14, further comprising aborting said timeout period
2 responsive to receiving the acknowledgement during the timeout period.
- 1 16. The method of claim 14, further comprising beginning an error process responsive
2 to not receiving the acknowledgement prior to an expiration of the timeout period.
- 1 17. A machine-readable medium that provides instructions, which when executed by a
2 processing platform, cause said processing platform to perform operations comprising:
3 placing data into at least one transmit queue to perform a data transmission over a
4 wireless communications channel;
5 monitoring the wireless communications channel subsequent to said performing;
6 beginning a timeout period responsive to said monitoring determining that said
7 wireless communications channel is not busy; and
8 reading data from a receive queue to determine if an acknowledgement to said data
9 transmission is received during the timeout period.
- 1 18. The medium of claim 17, wherein said operations further comprise aborting said
2 timeout period responsive to said receiving the acknowledgement prior to an expiration of
3 the timeout period.
- 1 19. The medium of claim 17, wherein said operations further comprise
2 beginning an error process responsive to not receiving the acknowledgement prior to an
3 expiration of the timeout period. .

1 20. The medium of claim 17, said monitoring comprises monitoring for a clear channel
2 condition.